



Ensemble Learning with Python Project

Project Deliverables

You will be required to provide the following deliverables.

- A python notebook with your solution.

Instructions

Background Information

You work for Koppokoppo, a company that offers market-appropriate solutions to enable and incentivize businesses to go digital. The company partners with financial institutions, mobile operators and major retailers who are interested in marketing new payment services to small and medium enterprises. In turn, the company offers small and medium enterprises loans.

Problem Statement

As a Data Scientist, you are required to create a model that will allow Koppokoppo to provide a solution is able to predict whether a loan offered to the certain small and medium enterprise will be paid off.

You will be required to go through the following stages:

- Define the Research Question
- Data Importation
- Data Exploration
- Data Cleaning
- Data Analysis (Univariate and Bivariate)
- Data Preparation
- Data Modeling
- Model Evaluation
- Recommendations / Conclusion
- Challenging your Solution

Study your data carefully before implementing your solution.

You can use the following guiding notebook [[Link](#)].

Dataset

You have been given a dataset that includes information on whether the loan was paid off. It contains loans about small and medium enterprises that have borrowed loans from Koppokoppo in the past.

- Dataset URL: <https://bit.ly/KoppoKoppoDS>
- Dataset Glossary: <https://bit.ly/KoppokoppoGlossary>

Project Source: <https://bit.ly/3dPXnLT>